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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Gyula Vigh  
Serial No.: 09/990,549  
TITLE: ISOELECTRIC GATEWAYS AND METHODS AND APPARATUS  
FOR USING SUCH ISOELECTRIC GATEWAYS  
Filing Date: November 21, 2001  
Art Unit: 1753  
Examiner: Kaj K. Olsen  
Date: November 4, 2004

Mail Stop AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**RESPONSE TO OFFICE ACTION**

Dear Sir:

In response to the Office Action dated May 4, 2004, the period for reply being extended to November 4, 2004 by the accompanying Petition and Fee for a Three Month Extension of Time, the following amendments and remarks are hereby submitted for the Examiner's consideration.

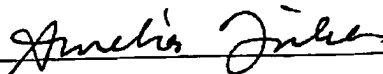
Amendments to the claims begin on page 2 of this paper.

Remarks begin on page 18 of this paper.

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CERTIFICATE OF TRANSMISSION

I hereby certify that this correspondence is being facsimile transmitted to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, Group Art Unit 1753 at (703) 872-9306 on November 4, 2004.

  
Amelia Finker